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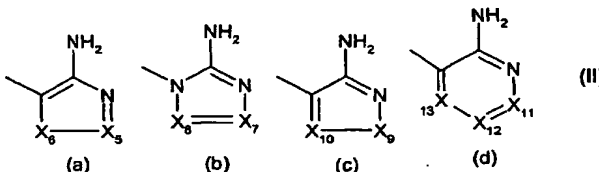
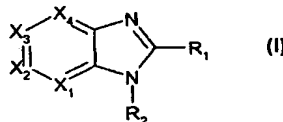
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[Continued on next page]

(54) Title: IMIDAZOPYRIDINE DERIVATIVES AS KINASE INHIBITORS



(57) Abstract: A compound of the formula: (I) and-physiologically acceptable salts and or N-oxides thereof wherein, X₁ is N or CR₃; X₂ is N or CR₄; X₃ is N or CR₅; X₄ is N or CR₆ with the proviso that at least one but not more than two of X₁, X₂, X₃, and X₄ represents N. R₁ is a 5-, or 6-membered heterocyclic group selected from group a, b, c or d formula: (II) wherein X₅ is a group selected from N or CR₇; and X₆, is a group selected from O, S or NR₈; X₇ and X₈; which maybe the same or, different is a group selected from N or CR₉; X₉, is a group selected from O, S or NR₈ and X₁₀ is N or CR₁₀; X₁₁, X₁₂ and X₁₃ may be the same or different and selected from a group N or CR₁₁; processes for their preparation, pharmaceutical compositions containing them and their use in medicine.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07D471/04 A61K31/437 A61P35/00 //(C07D471/04, 235:00,
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, BEILSTEIN Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 37 22 992 A (THOMAE GMBH DR K) 19 January 1989 (1989-01-19) claim 1; example 9 ---	1
X	NAWWAR, GALAL A. M. ET AL: "Studies on 2-substituted methylazoles: the preparation and reactions of 2-cyanomethylimidazo[4,5-b]pyridine" ANALES DE QUIMICA (1993), 89(3), 375-8 , XP009012073 compound 9 --- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KUMAR, SHIV ET AL: "Adenine photodimerization in deoxyadenylate sequences: elucidation of th mechanism through structural studies of a major d(ApA) photoproduct" NUCLEIC ACIDS RESEARCH (1991), 19(11), 2841-7 , XP001147581 compound 4	1
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INTERNATIONAL SEARCH REPORT

information on patent family members

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